

ACC NR: AP6021375

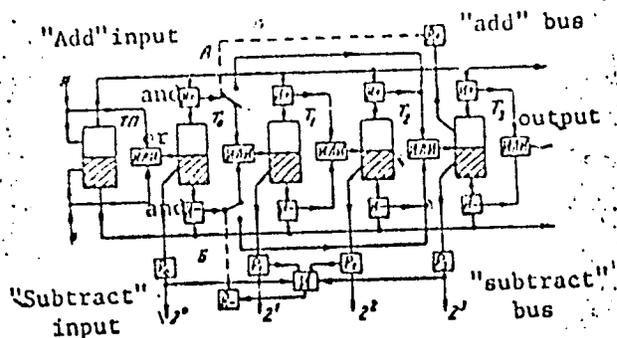


Fig. 1. Circuit diagram of a reversible counter.

basic element is a trigger to two relays. The tetrad circuit is modified to bypass pulses, eliminating six extra conditions. The modification enables use of the counter for automatic balancing of digital electrical measuring instruments. It will satisfactorily track cyclic pulses from 0-20 cps and can function at temperatures beyond the limits of the reversible counter circuit using semiconductors.

Card 2/3

I 13806-66
ACC NR: AP6021375

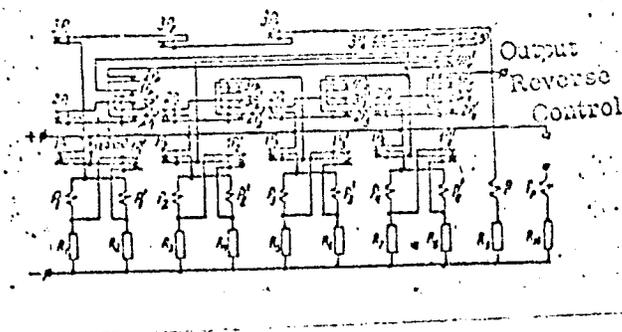


Fig. 2. Circuit diagram of a tetrad circuit.

Orig. art. has: 3 figures.

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001

Card 3/3 *LJM*

BABAYEV, N.K., inzh.

Experimental use of aluminum bushings for the engines
of TE3 series Diesel locomotives. Vest.TSNII MPS 19
no.5:52-55 '60. (MIRA 13:8)

1. Tashkentskiy institut inzhenerov zheleznodorozhnogo
transporta.

(Bearings (Machinery)) (Aluminum alloys)
(Diesel locomotives)

BABAYEV, N.K., inzh.

Fitting in their seats monometallic bushings and aluminum alloy
inserts. Trudy TSNII MPS no.277:89-96 '64. (MIRA 17:6)

BABAYEV, N. Kh.

BABAYEV, N. Kh.: "Irrigation erosion in sections of the irrigation network and methods of preventing it under the conditions of the piedmont regions of the Trans-Ili Ala-Teu." Min Higher Education USSR. Kazakh State Agricultural Inst. Alma-Ata, 1956
(Dissertation for the Degree of Candidate in Sciences)
Agricultural

So: Knizhnava Ietopis', No 17, 1956

KARASHARLY, A.G.; VASIL'YEV, A.G.; BABAYEV, N.Kh.; MAKHMUDOV, Dzh.M.;
TALYBOV, N.Sh.

Efficient method for designing deep directional wells with
considerable deflections. Trudy AzNII DN no.10:271-285 '60.
(MIRA 14:4)

(Oil well drilling)

BABAYEV, N.K., inzh.

What causes the weakening of aluminum alloy bearings. Vest.
TSNII MPS 21 no.2156-61 '62. (MIRA 1514)

1. Tashkentskiy institut inzhenerov zheleznodorozhnogo transporta.
(Bearings (Machinery)) (Aluminum alloys)

BABAYEV, N.Kh., kand. tekhn. nauk; SHAMSIYEV, A.A., red.;
RASHEVSKAYA, T.A., red. izd-va; AKHMEDOV, S., tekhn.red.

[Drilling deep wells in offshore areas of Azerbaijan] Burenio
glubokikh skvazhin na morskikh ploshchadiakh Azerbaidzhana.
Baku, Azerneshr, 1962. 207 p. (MIRA 15:12)
(Azerbaijan--Oil well drilling, Submarine)

BABAYEV, N.K., inzh.; KOKOSHINSKIY, I.G., kand.tekhn.nauk

Restoration of tension in the bushings of the bearings of a diesel
engine. Elek.i tepl.tiaga 7 no.1:20-21 Ja '63. (MIRA 16:2)
(Diesel locomotives)

BUSHE, N.A., kand. tekhn. nauk NARSKIKH, I.I., kand. tekhn. nauk;
BABAYEV, N.K., aspirant; ZAGORYANSKIY, Yu.A., inzh.

Testing of aluminum alloy bearings for diesel locomotive engines.
Vest. TSNII MPS 22 no.7:39-44 '63. (MIRA 16:12)

1. Tashkentskiy institut inzhenerov zheleznodorozhnogo transporta
(for Babayev).

BABAYEV, N.Kh.; UNDASHEV, P.U.

Some basic plans for the irrigation systems in the piedmont districts of Kazakhstan. Izv. AN Kazakh. SSR. Ser. biol. nauk 3 no.5:3-6 S-0 '65. (MIRA 18:11)

BABAYEV, Nikolay Nikolayevich

DECEASED

1964

Shipbuilding

Obituary- Sudostroyeniye 30 No. 1. P. 77 1964

AUTHOR: Babayev, N. S. SOV/89-5-4-17/24

TITLE: Magnetic Ion Expander for Separating Isotopes From Uranium
(Magnitno-ionnyy rasshiritel' dlya razdeleniya izotopov urana)

PERIODICAL: Atomnaya energiya, 1958, Vol 5, Nr 4, pp 472-473 (USSR)

ABSTRACT: This is an abstract from the English language of the paper by J. Slepian published in: Nucl. Sci. and Engng., 1958, Vol 3, Nr 1, p 108. There are 1 figure and 3 references, 0 of which is Soviet.

Card 1/1

BABAYEV, N.S. (Moskva)

Direct measurement of heat radiation intensity. Priroda 52 no.8:
93-94 Ag '63. (MIRA 16:9)

(Heat---Radiation and absorption)

BABAYEV, N.S. (Moskva)

Preparation of atomically pure surfaces. Priroda 52 no.11:
104-105 '63. (MIRA 17:1)

BABAYEV, N.T., inzh., red.; KULIKOV, V.V., red.; BORUNOV, N.I., tekhn.
red.

[New high-frequency communication and remote control equipment using electric power transmission lines as well as principles of the manufacture of high-frequency channel equipment in the "Rostovenergo" electrical equipment repair plant; information manual] Novaya vysokochastotnaia apparatura svyazi i telemekhaniki po liniyam elektropredachi i elementy obrabotki vysokochastotnykh kanalov proizvodstva elektroremontnogo zavoda Rostovenergo; informatsionnyi sbornik. Moskva, Gos.energ.izd-vo, 1961. 143 p. (MIRA 14:12)

1. Elektroremontnyy zavod "Rostovenergo" (for Babayev).
(Telecommunication--Equipment and supplies)
(Electric power distribution--Communication systems)

BAFAYEV, N. S.

"The Status of High-Frequency Technology in Power Systems," pp 81-95,
plus one insertion

Abst: For the organization of long-distance communication channels and telemechanics in power systems, a wide application has been found for high-frequency channels, making possible a consolidation of communication lines and electrical transmission lines. The article gives some of the characteristics of the equipment used.

SOURCE: Materialy Nauchno-Tekhnicheskoy Konferentsii po Obmenu Onytem Eksploatatsii Ustroystv Telemekhaniki i Svyazi Nauchn-Tekhn. O-va Energet. Prom-sti. (Material From the Scientific and Technical Conference on Exchange of Experience in the Operation of Telemechanics and Communications Devices of the Scientific and Technical Society of the Power Engineering Industry), Rostov, 1957.

Sum 1854

6.4200
9.8300

S/112/59/000/013/029/067
A002/A001

Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, No. 13, p. 76,
26762

AUTHOR: Babayev, N. T.

TITLE: A High-Frequency Remote Control and Communication Device^q

PERIODICAL: Byul. tekhn.-ekon. inform. Sovnarkhoz Rostovsk. ekon. adm. r-na,
1958, No. 9, pp. 23-24

TEXT: The Rostovskiy el-remontnyy z-d (Rostov Electrical Equipment Repair Plant) produces the KП-58 (KP-58)²⁵ combined h-f device which provides simultaneously remote control, telemetering and communication channels. It simplifies the establishing of h-f communications in an electrical system. /B

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

BABAYEV, Nikolay Timofeyevich; KULIKOV, Valentin Vasil'yevich,
inzh.; ZVENIGORODSKIY, I.S., red.; LARIONOV, G.Ye.,
tekhn. red.

[Use of radio relay lines and microwave radio communication
in electric power systems] Primenenie radioreleinykh lini
i UKV radiosviazi v energosistemakh. Moskva, Gosenergoizdat,
1963. 175 p. (Radio relay lines) (MIRA 16:4)
(Electric power distribution)
(Microwave communication systems)

BABAYEV, N.T.; STANKOVICH, V.I., red.

[Dispatcher control of a power system using radio relay lines; operation of remote control and telemetering systems, and the organization of communications in the Rostov-on-Don Power System] Dispatcherizatsiya energosistemy s primeneniem radioreleinykh lini; opyt telemekhanizatsii, teleizmereniia i organizatsii operativnoi svyazi v sisteme Rostovenergo. Rostov-na-Donu, Tsent. biuro tekhn. informatsii, 1961. 15 p.

(MIRA 17:10)

BABAYEV, N.T., inzh.

Experience in the operation of radio relay lines in the Rostov Electric
Power System. Trudy VNIIE no.12:124-132 '61. (MIRA 18:4)

1. Rostovenergo.

L 41707-65 EWT(m) Feb DIAAP

ACCESSION NR: AR3008409

UR/0058/65/000/001/A038/A038

SOURCE: Ref. zh. Fizika, Abs. 1A345

AUTHORS: Babayev, G.; Lobanov, Ye. M.

TITLE: Determination of lanthanum and cerium in minerals with the aid of activation analysis

CITED SOURCE: Dokl. AN UzSSR, no. 4, 1964, 22-25

TOPIC TAGS: lanthanum, cerium, activation analysis, spectrometry

TRANSLATION: A description is presented of an installation with a scintillation spectrometer, intended for the determination of La and Ce in mineral samples. The installation consists of an A10 and "Radura" 100.

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Card 1/2

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L 41707-65

ACCESSION NR: AR5008409

lines of the isotopes Hg^{203} (279.5 keV), Cs^{137} (661 keV), Mn^{56} (840 keV), Co^{60} (1.17 and 1.33 MeV), and Na^{24} (1.38 and 2.75 MeV), and also with the aid of the γ -lines of radioactive isotopes obtained upon irradiation of standards. The determined isotopes of La and Ce were determined directly from the energies of the γ -lines observed in the spectrum, and also by supplementary measurements of the α -lines. The samples investigated were those of monazite, orthite.

STANDARD FORM NO. 64 (REV. 5-22-64)

SUB CODE: IC, OF

ENCL: 00

am
Card 2/2

BABAYEV, O.B., inzh.

Noncontact logic elements for industrial automatic control
systems. Vest. elektroprom. 33 no.11:63-67 N '62.

(MIRA 15:11)

(Electric networks) (Automatic control)

L 25746-65 EAT(d)/EPP(n)-2/EPP(1) Po-l/Pq-l/Pg-l/Paa-2/Pu-l/Pk-l/P1-l

ACCESSION NR AP5002086

5/0146/64/007/006/0043/0047

47

AUTHOR: Babayev, O. B.

31

B

TITLE: Method of synthesizing multicyclic schemes

SOURCE: IVUZ. Priborostroyeniye, v. 7, no. 6, 1964, 43-47

TOPIC TAGS: automatic control, automatic control design, automatic control system, automatic control theory

ABSTRACT: A method of synthesizing an automatic scheme having a limited number of possible input sequences is suggested; the method permits setting up structural formulas directly from state tables. The method involves these steps:

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and y formosa.

ASSOCIATION: Severo-zapadnyy politekhnicheskly institut (North-Western
Polytechnic Institute)

SUBMITTED: 19 Nov 63

ENCL: 00

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820001-7"

MILNER, Yevgeniy Vladimirovich; BABAYEV, O.B., red.

[Contactless logic components using transistors and their application] Beskontaktnye logicheskie elementy na poluprovodnikakh i ikh primeneniye. Moskva, Izd-vo "Energia," 1964. 79 p. (Biblioteka po avtomatike, no.97) (MIRA 17:8)

ACC NR: AP6613744

(/i)

SOURCE CODE: UR/0118/65/000/012/0030/0032

AUTHOR: Babayev, O. B. (Engineer); Makarov, A. K. (Engineer)

ORG: none

TITLE: Contactless system for elevator control

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 12, 1965, 30-32

TOPIC TAGS: industrial elevator, automatic control equipment, logic element, transistorized amplifier

ABSTRACT: A contactless control system for passenger elevators, using semiconductor logical elements and contactless transmitting units is described. The prime aim of this development was to increase the reliability and maintainability of elevators. The control system incorporates several types of logical modules using diode transistors and two-stage transistorized amplifiers to drive the signal lights, contacts and magnetic shunts. All command, control and decision functions, normally performed by contact switches and relays in conventional elevator systems, are executed by the contactless elements, with the exception of the contactors and the emergency stop devices where the costs of replacement would have been unjustifiably high. A low voltage two-winding transistor in which the output voltage is controlled by a variable magnetic path is used in place of the usual contact type pushbuttons. The shaft of the push-

UDC: 621.876.114:62-519.002.5

Card 1/2

ACC NR: AP6013744

button forms a segment of the magnetic path. As long as the pushbutton is not depressed, there is no output voltage. Actuation of the pushbutton completes the magnetic path in the transformer thus inducing the output voltage in the secondary. This output serves as a remote signal from the central control unit. Several versions of the new transmitting unit for different purposes are available. A total of 58 logical modulus were needed to construct an elevator control system in a six story building. The system was built by the Lenvodpribor factory and installed in a building in 1964. This experimental installation has confirmed the high reliability of the contactless system. Orig. art. has: 6 figures.

SUB CODE: 09/3/ SUBM DATE: none

Card 2/2 *lgm*

BABAYEV, O. G.

Babayev, O. G.

"Material on the Study of the Time of Blood Circulation during Operations."
Turkmen Medical Inst imeni I. V. Stalin. Ashkhabad, 1955. (Dissertation
for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

BABA YEV, O.G.

Results of measuring venous pressure in hypertension and observations on the effect of intravascular injections of novocaine on it. Izv.AN Turk.SSR no.2:58-64 '55. (MLRA 9:5)

1. Turkmenskiy gosudarstvennyy meditsinskiy institut imeni I.V. Stalina.

(BLOOD PRESSURE) (HYPERTENSION) (NOVOCAINE)

BABAYEV, O.G., kand.med.nauk

Isolated wound of the pericardium with a cardiac tamponade.
Zdrav.Turk. 2 no.5:41-42 S-0 '58. (MIRA 12:6)

1. Iz kafedry obshchey khirurgii (zav. - prof.N.M.Tachmuradov)
Turkmenского gosudarstvennogo meditsinskogo instituta im. I.V.
Stalina.

(PERICARDIUM--WOUNDS AND INJURIES)

BABAYEV, O.G.

Organizational and therapeutic measures in controlling peritonitis.
Zdrav. Turk. 5 no.1:42-46 Ja-F '61. (MIRA 14:6)

1. Glavnyy khirurg Maryyskogo oblzdravotdela.
(PERITONITIS)

BABAYEV, O. G., kand. med. nauk (Mary)

Diagnostic errors in amebic abscesses of the liver. Klin. med.
no.2:51-57 '62. (MIRA 15:4)

1. Glavnyy khirurg Maryyskogo oblzdravotdela Turkmenskoy SSR.

(AMEBIASIS) (LIVER—ABSCESS)

BABAYEV, O.G., kand. med. nauk; OSIFYANTS, Kh.O.

X-ray diagnosis of amebic liver abscesses. Vest. khir. no. 10:
121-122 '64. (MIRA 19:1)

1. Iz Maryyskogo oblastnogo otdela zdravookhraneniya (glavnyy
khirurg - O.G. Babayev) i rentgenologicheskogo otdeleniya
(zav. - Kh.O. Osipyants, nauchnyy rukovoditel' - prof. I.F. Berezin)
1-y klinicheskoy bol'nitsy Ashkhabada.

L 40245-55 EPF(c)/EWP(j)/EMT(m) Pc-4/Pr-4 JAJ/RM
ACCESSION NR: AP5021066 UR/0316/64/000/004/ 24
#1/0045 e

AUTHOR: Babayev, O. N.; Makhtiyev, S. D.; Bakhshizade, A. A.; Karbarov, Il. G.

NUMBER: Investigation of reactions of condensation of low-molecular alifins.

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 4, 1964, 41-45

TOPIC TAGS: ethylene, propylene, catalysis

Abstract: This article presents the results of one of the stages in a detailed study of the joint dimerization of low-molecular olefins in an effort to reveal the conditions of formation of olefinic hydrocarbons and to seek ways to simplifying the process: production of low-molecular olefins by joint dimerization

Card 1/2

L 60265-65

ACCESSION NR: AP5021066

olafins comprises 70-90%. About 50% of the initial components are converted to hexenes, 20-25% to asylenes. Experiments with reuse of the catalyst indi-

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: FP, GC

NO REF SOV: 002

OTISER: 004

JPR:1

6/20
Card 2/2

USSR/Pharmacology, Toxicology. Various Preparations

V-6

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23406

Author : Iarmoshkevich A.I., Garumiants L.K., Babaev R.A.
Inst : Uzbek Agricultural Institute
Title : The Physiological Action of Dorogov's Stimulator on Calves.

Orig Pub : Nauch. tr. Uzb. s-kh. in-t, 1956, 10, 141-143

Abstract : Under the impact of Dorogov's Stimulator the hemopoiesis was strengthened, the number of erythrocytes and Hb increased, the leukocytes grew in number and the index of physiological condition of RES rose.

Card : 1/1

BABAYEV, R.A.

Gynecological diseases among workers in the red goods shop
at the Kirov Spinning and Thread Combine. Trudy LSGMI 45
258-262 '58 (MIRA 11:11)

1. Kafedra akusherstva i ginekologii Leningradskogo sanitarno-
gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - prof.
M.A. Petrov-Maslakov).

(TEXTILE WORKERS--DISEASES AND HYGIENE)

BABAYEV, R. A. Cand Vet Sci -- (diss) "New alum vaccines against
paratyphoid ~~fever~~ in calves." Samarkand, 1959. 20 pp (State Committee for
Higher and Secondary Specialized Education ~~under~~ the Council of Ministers
UzSSR. Uzbek Agr Inst im V. V. Kuybyshev), 150 copies (KL, 47-59, 116)

BABAYEV, R.G.; TSABKEVICH, R.A.

Air-filled protective clothing for car washers. Zhel.dor.transp.
43 no.2:67-68 F '61. (MIRA 14:4)

1. Nachal'nik sluzhby vagonnogo khozyaystva Azerbaydzhanskoy dorogi, g. Baku (for Babayev).
 2. Glavnyy inzh.sluzhby vagonnogo khozyaystva Azerbaydzhanskoy dorogi, g. Baku (for TSabkevich).
- (Clothing, Protective) (Tank cars--Cleaning)

BABAYEV, R.G.; ODAYSKIY, P.D.

New method for cleaning vessels for petroleum products. Za tekhn. progr.
3 no.3:43-44 Mr '63. (MIRA 16:10)

1. Upravleniye zheleznoy dorogi AzerbSSR (for Babayev).
2. Azerbaydzhanskiy politekhnicheskiy institut (for Odayskiy).

BABAYEV, R.G.

New Late Jurassic hexacorals of Azerbaijan. Paleont. zhur.
no. 1:31-37 '64. (MIRA 17:7)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.

BABAYEV, R.G.

Stratigraphic significance of Upper Jurassic diversified corals
in the northeastern part of the Lesser Caucasus (Azerbaijan).
Dokl. AN Azerb. SSR 19 no.9:35-38 '63. (NORA 17:8)

1. Institut nefiti i khimii AN AzSSR. Predstavlena akademikom
AN AzSSR K.A. Alizade.

BABAYEV, R.G.

New species of Hexacorallia of order Scleractinia. Paleont.
zhur. no.4:11-15 '65. (MIRA 19:1)

1. Institut geologii AN AzSSR. Submitted March 27, 1964.

POGORELSKIY, A.M.; BABAYEV, R.V.

Expanded form of the basic equation for the manometric head of a
sinking centrifugal electric pump. Izv. vys. ucheb. zav.; neft' i
gaz. 8 no.5:79-84 '65. (MIRA 18:7)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azimbekova.

POGOREL'SKIY, A.M., BABAYEV, R.V.

Half expanded form of the basic equation for the manometric head of a sinking centrifugal electric pump. Izv. vys. ucheb. zav.; neft' i gaz 7 no.3s75-78 '64. (MIRA 17:6)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.

BABAYEV, S.G.; SEDOV, V.A.; ASKEROV, M.Yu.

Results of field tests of the performance of brake pulleys of draw
works. Mash. 1 neft. obor. no.8:12-16 '65. (MIRA 18:9)

1. VNIPTneftemash.

BABAYEV, S.G.; STEPANYANTS, V.G.

Causes of the short life of plates and saddles of slush
pump valves. Mash. i neft. obor. no.7:11-15 '65.

(MIRA 18:12)

BEZLEYEV, S.G.; SHEJMAK, I.V.

Efficiency of the various structures of the basic supports
of swivels. Mash, i neft.obor. no.11:17-20 '64.

(MIRA 19:1)

1. VNIITroftemash.

BABAYEV, S.G.; GANIYEV, A.M.; BABAYEV, M.A.

Unit for determining the character and extent of wear in
eccentrically loaded cylindrical parts. Zav. lab. 31 no.11:
1415-1416 '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnolo-
gicheskiy institut neftyanogo mashinostroyeniya.

BABAYEV, Sh.A.

Development of Middle Eocene nummulites in Azerbaijan. Trudy
MINKHIGP no.43:307-315 '63. (MIRA 17:4)

CONFIDENTIAL

CONFIDENTIAL

MEMEDEV, T.A.; BABAYEV, Sh.A.

Anomalous development of large foraminifera in the sediments
in Azerbaijan. Dokl. AN Azerb. SSR 21 no.4947-4948 Jan.

(MIRA 1807)

1. Azerbaydzhansky institut nefti i khimii.

~~NEGAD, Y.F.~~ ~~XXXXXXXXXX~~

"Distribution of Copper Between Formed Elements and Blood Serum in Animals and Man," by Sh. B. Babayev, Sbornik Nauchnykh Trudov Samarkandskogo Meditsinskogo Instituta (Collection of Scientific Works of the Samarkand Medical Institute) Vol 9, 1956, pp 135-142 (from Referativnyy Zhurnal -- Khimiya, Biologicheskaya Khimiya, No 2, 25 Jan 57, p 102, Abstract No 1983)

"Thirty-one blood samples drawn from donors, and 31 blood samples from rats, guinea pigs, rabbits, dogs, sheep, goats, cows, and tubercular, hypochromic, and hyperchromic-anemia patients were examined for Cu content in the erythrocytes and the serum. It was established that the Cu content in the blood of animals consisted of 74-210 gamma %; the content of Cu in the erythrocytes was '1.5-2.5 times lower' than in the blood serum. The Cu content in the erythrocytes of healthy people was 38 gamma %, but in the serum it was 58 gamma %. In tuberculosis of the lung the Cu content in the erythrocytes was 37-59 gamma % and in the blood serum, 84-122 gamma %; for patients with hypochromic anemia the corresponding figures were 38 gamma % and 110 gamma %; and for patients with hyperchromic anemia, 28.4 and 166.5 gamma %. In healthy people the ratio of Cu content of erythrocytes to Cu content of blood serum was 0.66 on the average; in hyperchromic anemia there was a sharp drop in the ratio (0.19 on the average), increasing during treatment; the author believes this fact could be useful in prognosis." (U)

Sum. 1360

BABAYEV, Sh.B.

Amount of copper in autopsy material in severe forms of hyperchromic anemia. Vop. med. khim. 6 no.3:281-283 My-Je '60. (MIRA 14:3)

1. Kafedra biologicheskoy khimii Samarkandskogo meditsinskogo instituta imeni I.P.Pavlova.
(ANEMIA) (COPPER IN THE BODY)

BABAYEV, Sh.B.

Copper content of the blood and other organs of guinea pigs in
experimental anemia. Vop.med.khim. 6 no.1:53-56 Ja-F '60.
(MIRA 13:5)

1. Chair of Biochemistry of the Medical Institute, Samarkand.
(COPPER metab.)
(ANEMIA exper.)

CRISTO, L.D.; BABAYEV, M.P.

Hypercupremia in anemic states. *Vop. med. khim.* 12 no.4:
41-44. Ul-Ag '65. (MIRA 18:8)

1. Kafedra biologicheskoy khimii i hospital'noy terapii
Samarkandskogo meditsinskogo instituta imeni I.I. Kavkaz.

BABAYEV, S. G., Cand of Tech Sci -- (diss) "Investigation of Exploitation Indices of Agregates During the Cultivation and Division of the Solid Swamp-Turf Soil Beds," Minsk, 1959, 15 pp (Belorussian Polytechnical Institute in Stalin) (KL, 2-60, 112)

BABAYEV, S.G.; BOROVIKOVA, R.P., red.; ZUYKOVA, V.I., tekhred.

[Study of the operating indices of machinery units in the
processing of peat-bog virgin soils] Issledovanie eksplua-
tatsionnykh pokazatelei agregatov pri obrabotke tselinnykh
torfiano-bolotnykh pochv. Minsk, Izd-vo Akad.sel'khoz.nauk
BSSR, 1959. 24 p. (MIRA 14:2)
(Peat bogs) (Peat machinery)

BABAYEV, S.G.; VASIL'YEV, Yu.A.

Lifetime of rotors and swivels. Mash. i neft. obor. no.9:3-7
'64. (MIRA 17:11)

1. VNIIPNeftemash, Baku.

BABAYEV, S. K., Cand Agr Sci -- (diss) "Study of the Work of the
Self-propelled
~~Automotive~~ [Combine 'S-4'] Under Conditions of Azerbaydzhan."

Khar'kov, 1957. 23 pp with graphs (Khar'kov Order of Labor Red
Banner Agricultural Inst im V. V. Dokuchayev), 100 copies (KL,
51-57, 93)

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SOV/136-59-10-7/18

AUTHOR: Babayev, S.S.

TITLE: On Some Problems of Electric Furnace Smelting of Sulphide Ores

PERIODICAL: Tsvetnyye metally, 1959, Nr 10, pp 42-46 (USSR)

ABSTRACT: The subject of the present article is a recently published book by Professor D.A. Diomidovskiy (Ref 1) dealing, among other subjects, with the theory of electric smelting furnaces and with the laws governing the physico-chemical transformations of the charge, the supply, distribution and conversion of the electrical energy, transport of the raw materials and the products of smelting, heat transfer phenomena and the smelting process itself. While, in the present author's opinion, no exception can be taken to the theoretical part of Professor Diomidovskiy's considerations, his recommendations regarding certain modifications in the operation of electric smelting furnaces, particularly those in which reference is made to reducing the metal losses in the slags and to the methods of charging, are debatable since the adoption of the suggested changes has not brought about the expected improvements. The present author discusses these controversial points and arrives at

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several conclusions. (1) If the depth of the bath is 1900 to 2000 mm and if the charge is loaded in the furnace in large batches, the slag discharge hole should be situated at a point corresponding to approximately half the depth of immersion of the electrodes, ie it should be located at a distance of 1500 to 1700 mm from the hearth of the furnace. (2) Neither the quantity of the recirculated slags charged in the furnace nor the precise moment at which they are introduced (which, according to Professor Diomidovsky, should not coincide with discharging of the waste slag), affect the magnitude of metal losses. Owing to the large bulk and considerable depth of the charge banks between the electrodes which act as filters, large volume of the molten bath and considerable length (21 m) of the furnace, the converter slag can be introduced in the furnace at the same time at which the waste slag is discharged, even when the discharge is a continuous process. (3) No reduction of the metal losses was observed after a small proportion (5%) of a reducing agent (coke breeze) had been added to the charge and to the bath. (4) To ensure normal

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functioning of the electric furnace when an electrically non-conductive charge is smelted, a pool of molten slag and matte should be maintained around and between the electrodes. Experience has shown that the distance between the electrode and the charge bank in the bath should be between 100 and 150 mm. There are 1 table and 4 Soviet references.

ASSOCIATION: Kombinat Pechenganikel' (Pechenganikel' Combine)

Card 3/3

BRADY, T.A.

Results of the determination of oxalic acid in tissues by means
of the Svennerholm method, no abstract. Lab. deo no. 2-461 '65.
(M.P. 189)

BABAYEV, T.A.

Changes in sialic acid content of the cardiac muscle of
rats in experimental hyper- and hypothyroidism. *Biokhimiya*
29 no.5:951-954 J1-Ag '64. (MIRA 18:11)

1. Laboratoriya patokhimii Instituta biologicheskoy i
meditsinskoy khimii AMN SSSR, Moskva.

BABAYEV, T.A.

Glycoproteins in the blood serum in experimental hyper- and hypothyroidism in rats and in patients with disorders of thyroid function. Vop. med. Khim. 9 no. 3:261-267 My-Je '63.

(MIRA 17:9)

1. Laboratoriya patokhimi Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

4E575-1 IT(m)/SM(j)/T 101(c) WJ/RM

ACC NR: AP6027003 (A) SOURCE CODE: UR/0291/66/000/002/0040/0043

AUTHOR: Musayev, U. N.; Usmanov, Kh. U.; Babayev, T. M. 33

ORG: Tashkent State University im. V. I. Lenin (Tashkentskiy gosuniversitet) B

TITLE: Synthesis and study of the properties of graft copolymers of polystyrene with methacrylic acid. Part 1: Effect of irradiation dose on the grafting

SOURCE: Uzbekskiy khimicheskiy zhurnal, no. 2, 1966, 40-43

TOPIC TAGS: graft copolymer, methacrylic acid, polystyrene

ABSTRACT: The purpose of the work was to find the optimum conditions for the synthesis of a graft copolymer of polystyrene (PS) and methacrylic acid (MAC) by the radiation method. Mixtures of the monomer and polymer in various weight ratios were placed in glass ampoules and irradiated with Co^{60} γ rays in the presence of air and at 10^{-3} mm Hg, and the copolymer was separated by extracting the homopolymers with benzene and methanol. It is shown that the synthesis takes place at low irradiation doses. As the dose increases, the effectiveness of the grafting diminishes. The optimum conditions of the synthesis were found to be: an irradiation dose of about 250,000 r, a source power of 100 r/sec, and a 50:50 ratio of polymer to monomer without solvents. Orig. art. has: 1 figure and 3 tables.

SUB CODE: 07/ SUBM DATE: 10Mar65/ ORIG REF: 004

Card 1/1 LC

Bakabv, V. [v.]

Organizatsiia morskikh perevozok po grafiku. [Organization of sea shipping according to schedule]. Moskva, Morskoi transport, 1947. 36 p.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

Y
BAKAEV, V. G.

Osnovy ekspluatatsii morskogo flota. [Principles of exploitation of the merchant marine]. Moskva, Morskoi transport, 1950. 492 p.
Review in Morskoi flot, 1951, no. 2, p. 39.

S0: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

1. BAKAYEV, V. G.
2. USSR (600)
4. Loading And Unloading
7. Extensive mechanization of loading and unloading in sea ports. Mekh. trud. rab. 6 no. 11 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

BAKAYEV, V.G.

History of Russian navigation up to the first half of the 13th
century. Trudy po ist.tekh. no.11:3-16 '54. (MLBA 7:9)
(Navigation--History)

BABAYEV, V.G.

Roofing industrial buildings with large slabs. Mekh.trud.rab. 8 no.7:
5-7 O-N '54. (MLRA 8:1)

1. Glavnyy tekhnolog tresta Krivoroshstroy.
(Roofing) (Industrial buildings)

↓ BABAYEV, V.G.

POSYADA, V.S.; BABAYEV, V.G.

Making precast reinforced concrete elements in proving grounds.
Sbor.mat. o nov.tekh. v stroi. 16 no.9:6-8 '54. (MLRA 7:12)

1. Glavnyy tekhnolog tresta Zaporozhstroy (for Posyada).
 2. Glavnyy tekhnolog tresta Krivorozhskoy (for Babayev).
- (Precast concrete construction)

BABAYEV, V.G., inzhener, laureat Stalinskoy premii; PURYGIN, L.Ye., inzhener;
LORBERG, M.G., inzhener.

Experience in constructing underground parts of industrial buildings
by the caisson method. Stroi.prom. 33 no.3:20-24 Mr '55. (MIRA 8:5)

1. Trast Krivorozhstroy (for Babayev and Purygin).
2. Leningradskiy Promstroyproyekt (for Lorberg).
(Foundations)

BABAEV, V.

Walls of industrial building made of precast elements. Stroitel'
2 no.2:3-4 F '56. (MLRA 9:12)

1. Glavnyy tekhnolog tresta Krivorozhstroy.
(Concrete blocks) (Metallurgical plants)

BABAYEV, V.G.

Using wall panels and large-sized blocks in building industrial structures. Stroi.prom. 34 no.4:39-40 Ap '56. (MLRA 9:8)

1. Glavnyy tekhnolog tresta Krivorozhstroy.
(Precast concrete construction)

BABAYEV V.G.

SATIN, M.S., inzhener; ~~babayev, V.G., inzhener.~~ BABAYEV, V.G., inzhener.

Using cellular granulated slag concrete. Stroi. prom. 35
no.1:48-49 Ja '57. (MLRA 10:2)

(Lightweight concrete)

BABAYEV, V.G. (Krivoy Rog)

Composite jig installations for anchoring bolts of rolling mills.
Stroi. prom. 36 no.8:46-47 Ag '58. (MIRA 11:9)
(Jigs and fixtures) (Rolling mills)

BABAYEV, V.G., inzh.; GODYNA, A.K., inzh., red.:

[Utilization of prestressed reinforced concrete on construction sites of Krivoy Rog; practices of the "Krivbasstroi" Combine.]
Predvaritel'no napriazhennyi zhelezobeton na stroikakh Krivogo Roga; iz opyta kombinata "Krivbasstroi." Moskva, 1959. 26 p.
(MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. Byuro tekhnicheskoy informatsii. 2. Nachal'nik tekhnicheskogo otдела i glavnyy tekhnolog kombinata "Krivbasstroy" (for Babayev).
(Krivoy Rog--Girders)

BABAYEV, V.G., inzh.; IONOV, A.N., inzh.; ZHEREBTSOV, G.P., inzh.;
AFANAS'YEV, B.P., inzh., red.

[Using reinforced concrete sink pits on construction sites of metallurgical plants] Primeniye zhelezobetonnykh opusnykh kolodtsev na stroikakh metallurgicheskoi promyshlennosti; iz opyta trestov kombinata "Krivbasstroi" Dnepropetrovskogo sovnarkhoza i tresta "Tulmetallurguglestroi" Tul'skogo sovnarkhoza. Moskva, 1959. 31 p. (MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
2. Nachal'nik tekhnicheskogo otdela i glavnyy tekhnolog kombinata "Krivbasstroy" (for Babayev).
3. Nachal'nik otdela Orgstroya Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhpomoshchi (for Ionov).
4. Glavnyy inzhener SU-1 tresta "Tulmetallurguglestroi" (for Zherebtsov).

(Ore dressing--Equipment and supplies)

BABAYEV, V.G., inzh.

Assembling precast reinforced concrete members of industrial
buildings and structures. Bet. 1 shel.-bet. no.4:182-183
Ap '59. (MIRA 12:6)

(Precast concrete construction)
(Industrial buildings)

BABAYEV, V.G., inzh.

Building ore-dressing combines in Krivoy Rog. Prom. stroi. 37
no.4:4-8 Ap '59. (MIRA 12:6)

1. Krivbasstroy.

(Krivoy Rog--Factories--Design and construction)
(Ore dressing)

KUDRYASHOV, A.I., inzh.; SUKHOTERIN, I.S., inzh.; ~~BABAYEV, V.I., inzh.~~

Producing alcohols from unsaponifiables II. Masl.-zhir.prom.
24 no.11:26-29 '58. (MIRA 12:1)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh kislot i
shirnykh spirtov.
(Alcohols) (Unsaponifiable matter)

BABAYEV, V.I., inzh.; KL'KINA, T.S., inzh.

Factors affecting the extent of settling of unsaponifiable matter
during the production of synthetic fatty acids. Masl.-zhir.prom.
25 no.5:26-28 '59. (MIRA 12:7)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh kislot i zhirnykh
spirtov.

(Shebekino--Acids, Fatty) (Paraffins)
(Unsaponifiable matter)

VELIZAR'YEVA, N.I.; RAPOPORT, I.B.; MAN'KOVSKAYA, N.K.; BARSEGYAN, I.B.;
SHIMAN, A.M.; BABAYEV, V.I.; SUKHOTERIN, I.S.

Industrial experience in the oxidation of paraffins from sulfur-bearing crudes. Khim.i tekhn.topl.i masel 5 no.7:11-16 JI '60.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gazov i polucheniyu iskusstvennogo zhidkogo topliva, NII SZhIMS i Shebekinskiy kombinat sinteticheskikh zhirnykh kislot i zhirnykh spirtov.

(Paraffins)

(Oxidation)

MAKAROV, V.I., inzh.; MISHKIN, S.I., inzh.; KOGAN, V.I., inzh.
RUBYLEVA, L.K., inzh.; GORISHINA, A.K., inzh.

Regeneration of the catalyst for the oxidation of paraffin
from sludge water. Nauch.-zhurn. prom. 27 no.7:28-30 JI '61.
(MIR 14:7)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh kislot i
zhirnykh spirtov.

{Paraffin wax)
{Catalysts)

S/081/62/000/014/033/039
B166/B144

AUTHORS: Babayev, V. I., El'kina, T. S., Kudryashov, A. I.,
Bolyanovskiy, D. M., Rusinov, I. Ye.

TITLE: Producing a polymerizate from distillation residue

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 14, 1962, 651, abstract .
14P357 (Maslob.-zhir. prom-st' no. 9, 1961, 24 - 25)

TEXT: The residue from distillation of raw synthetic fatty acids is a mixture of high-molegular fatty acids with >20 C atoms, unsaponifiable substances, and resinous condensation and polymerization products, amounting to 15 - 20% of the overall acid processed. Ca salts of vat acids were obtained on an experimental plant. The process was conducted in a N_2 flow at $240^{\circ}C$ for 35 - 45 hrs, yielding a high-melting product with a softening point of $70 - 85^{\circ}C$ through which air at $230 - 270^{\circ}C$ was then blown. Several oxidation and polymerization processes take place and a high-melting rubberlike product is formed. Lime was added in a 60 - 70% of the theoretical quantity required to neutralize the distilled acids, since otherwise the reaction mass hardens and becomes brittle.

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*Shebekinskiy Kombinat Sinteticheskikh Zhirov i Kislot i
Zhirovyykh Spirtov*

Producing a polymerizate...

S/081/62/000/014/033/039
B166/B144

The polymerizate obtained shows a black, varnish-like surface; it has binding properties and resilience, it dissolves readily in organic solvents, it is water-, heat- and light-resistant and offers good adhesion to wood, glass, iron, and concrete. The product can be used as a filler for rubber blends in the production of water- and heat-insulating and facing materials, for insulating gas pipelines and in the production of reclaimed rubber. [Abstracter's note: Complete translation]

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BIBAYEV, V.I., inzh.; DANISHINA, P.M.

Rapid method for determining the iodine numbers of fatty alcohols
and fatty acids. Masl.-shir. prom. 27 no.10:30-31 0 1961.
(MIRA 14:11)

1. Snekchinskiy kombinat sinteticheskikh shirnykh kislot i
shirnykh spirtov.

(Iodine number)

(Acids, Fatty)

(Alcohols)

BABAYEV, V.I., inzh.

Observations on E.V.Orobchenko, N.IU.Prianishnikov and M.N.
Veprinskaia's article "Properties and chemical composition of the
vat residues of synthetic fatty acids." Masl.-zhir.prom. 28
no.3:17 Mr '62. (MIRA 15:4)

(Acids, Fatty) (Orobchenko, E.V.)
(Prianishnikov, N.IU.) (Veprinskaia, M.N.)

BABAYEV, V.I., inzh.; GRANOVSKAYA, R.M., inzh.; BAZHENOVA, N.I., inzh.; DAN'SHINA,
N.M., inzh.

Using the industrial method for the sulfonation of alcohols from un-
saponifiables II with sulfuric acid. Masl.-zhir.prom. 28 no.8:34-35
Ag '62. (MIRA 17:2)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh kislot i zhirnykh
spirtov.

RUSINOV, I.Ye., inzh.; BABAYEV, V.I., inzh.

Using pyrolusite ore as catalyst in the oxidation of paraffin.
Masl.-zhir.prom. 28 no.9:16-17 S '62. (MIRA 15:9)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh kislot i
zhirnykh spirtov.

(Paraffins) (Pyrolusite)

BABAYEV, V.I., inzh.; BAZHENOVA, N.I., inzh.; ZAVISTOVSKAYA, M.D.

Sulfatization of aliphatic alcohols from unsaponifiable^{II}
by chlorosulfonic acid. Masl.-zhir.prom. 28 no.7:23-24
Jl '62. (MIRA 15:11)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh
kislot i zhurnykh spirtov.
(Alcohols) (Sulfonation)
(Unsaponifiable matter)